

FIG. 1

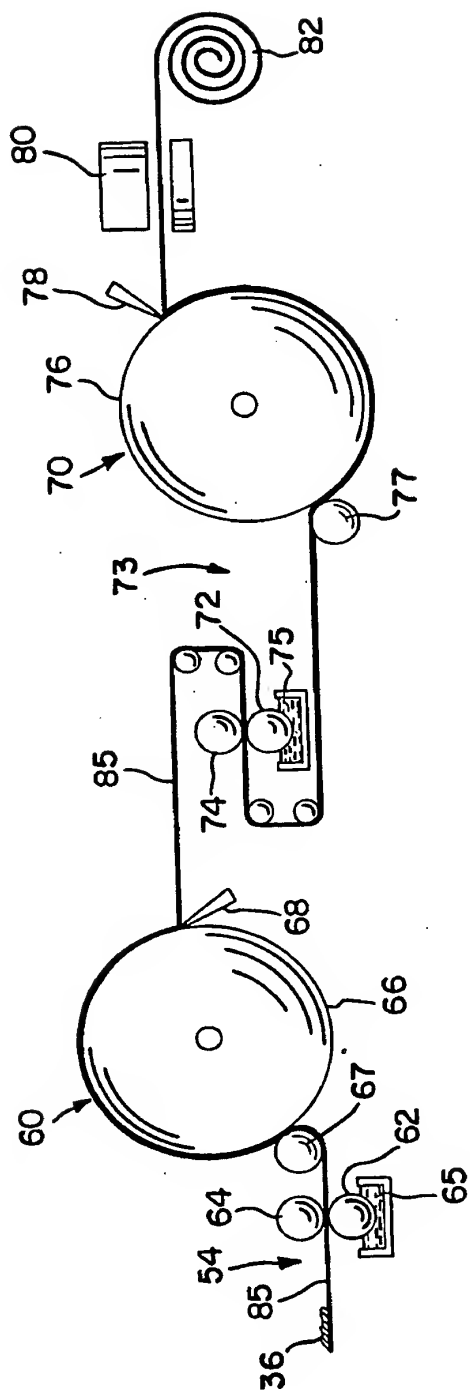


FIG. 2

### Tornado Large Particle Reduction (hot water)

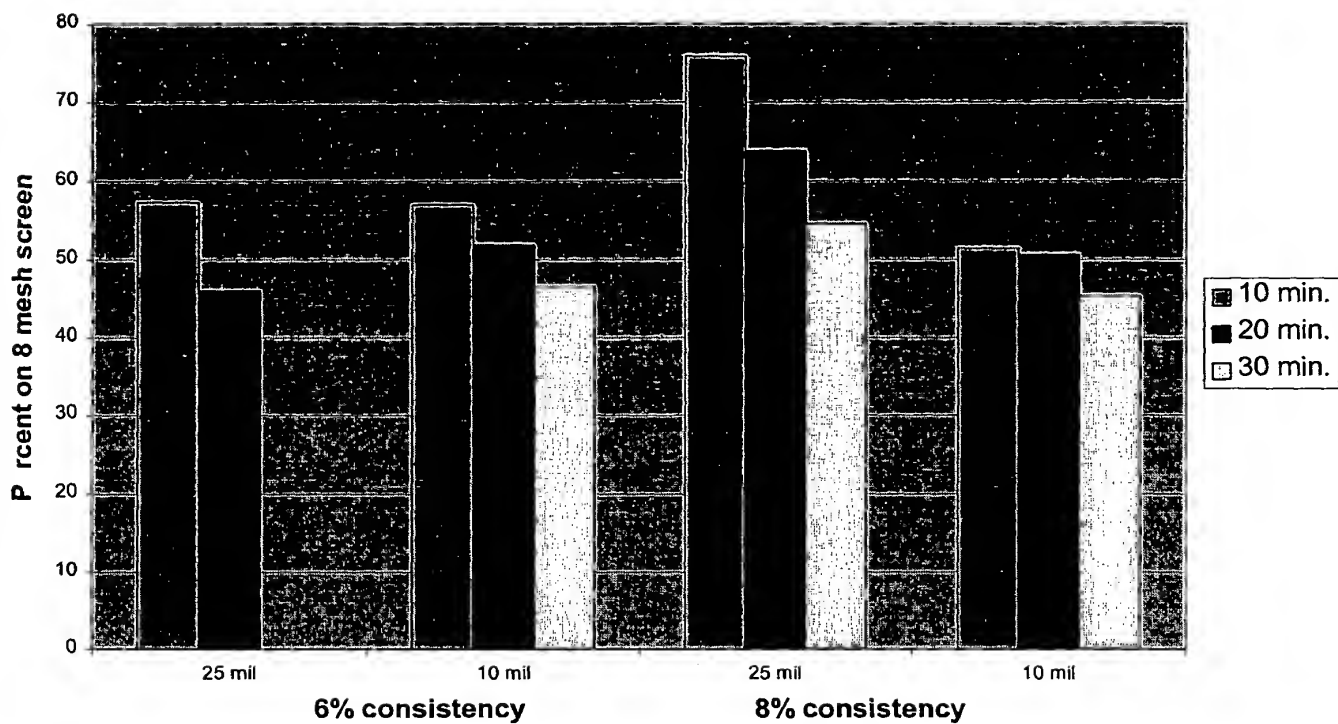


FIG.3

# Claflin Effect on 10 mil. Tornado Stock of Different Consistency

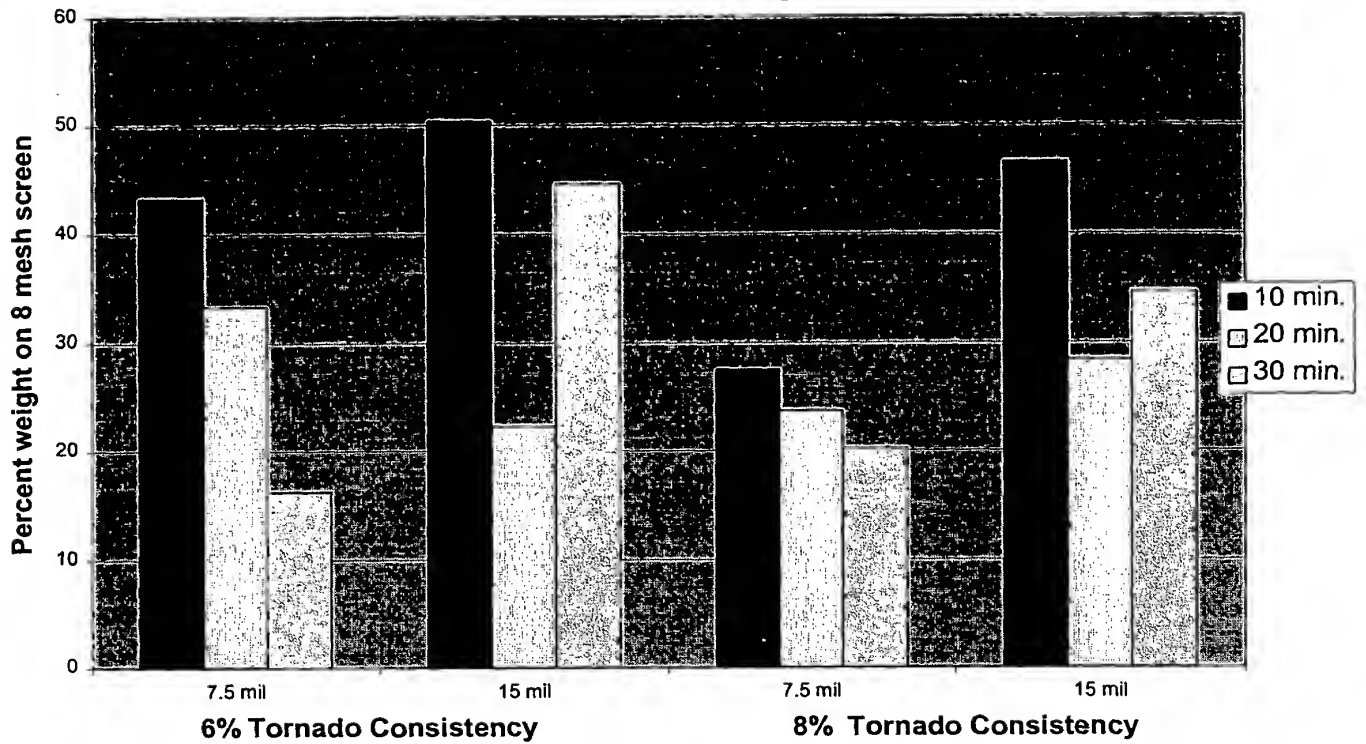


FIG. 4

Ciaflin Effect on 25 mil Tornad Stock

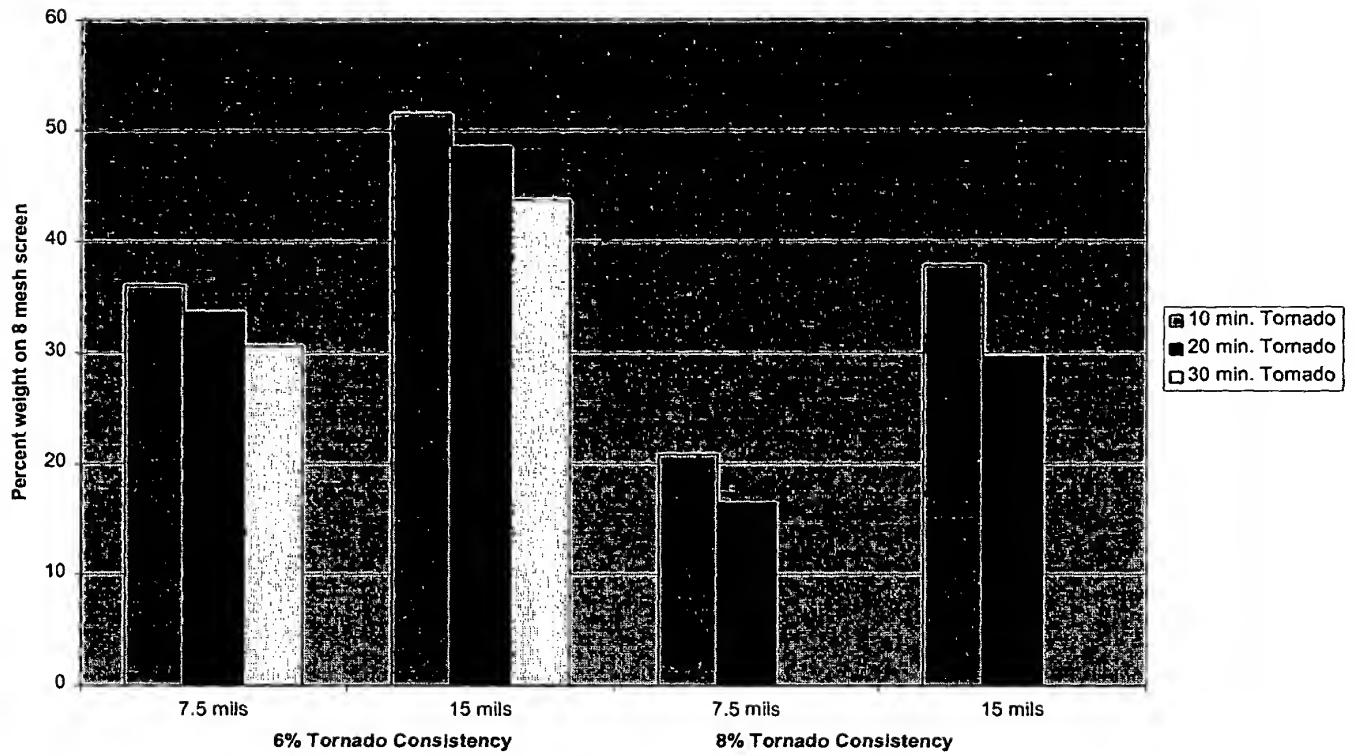


FIG. 5

## Tornado CSF change with time and clearance

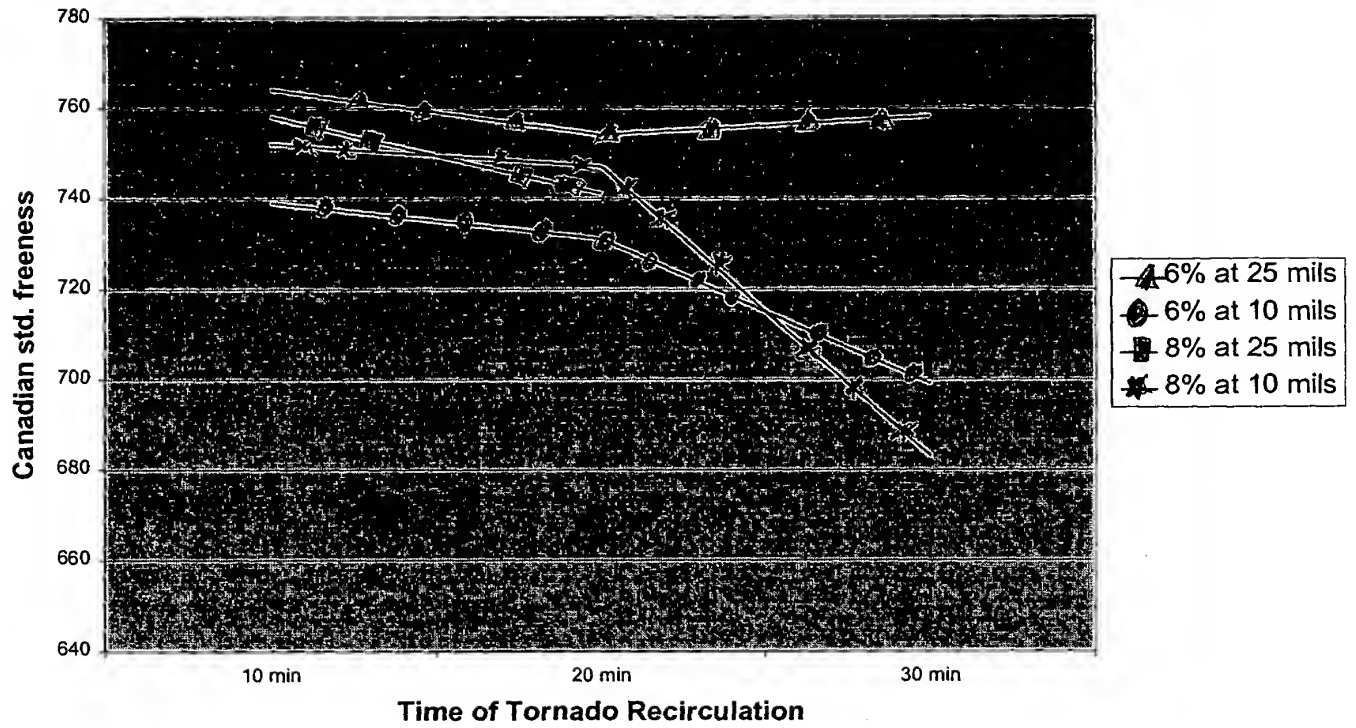


FIG. 6

**Tornado effect on CSF (6% Consistency)**

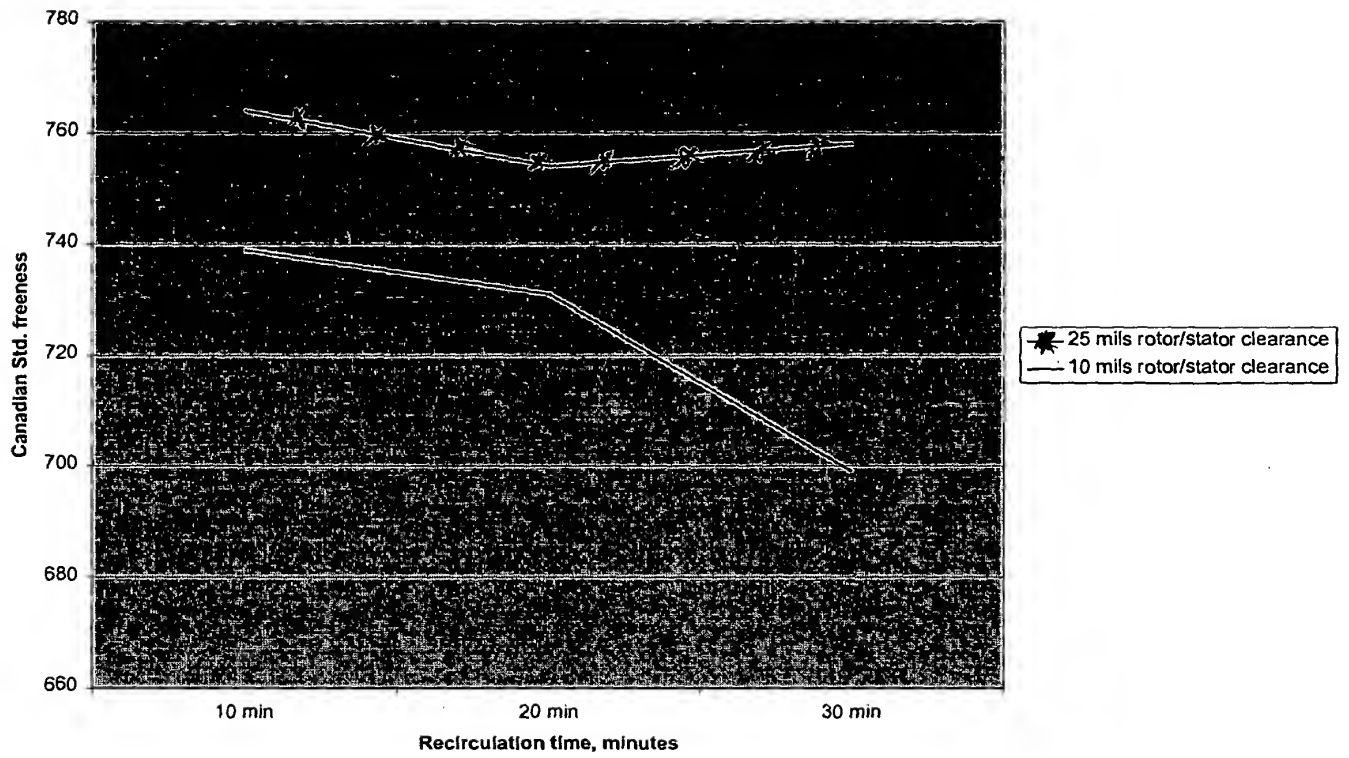


FIG. 7

Fines Development, 6% Consistency

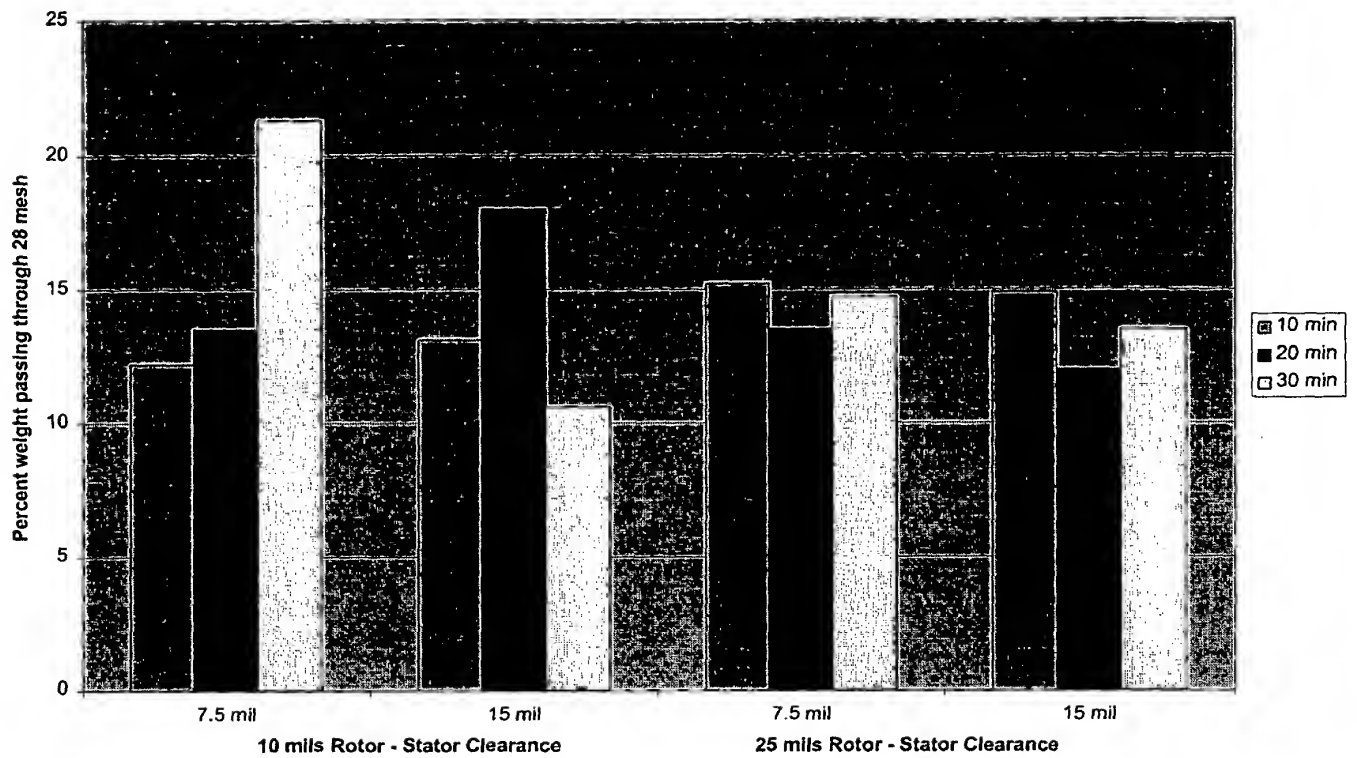


FIG. 8



Fines Development, Tornado at 8% Consistency

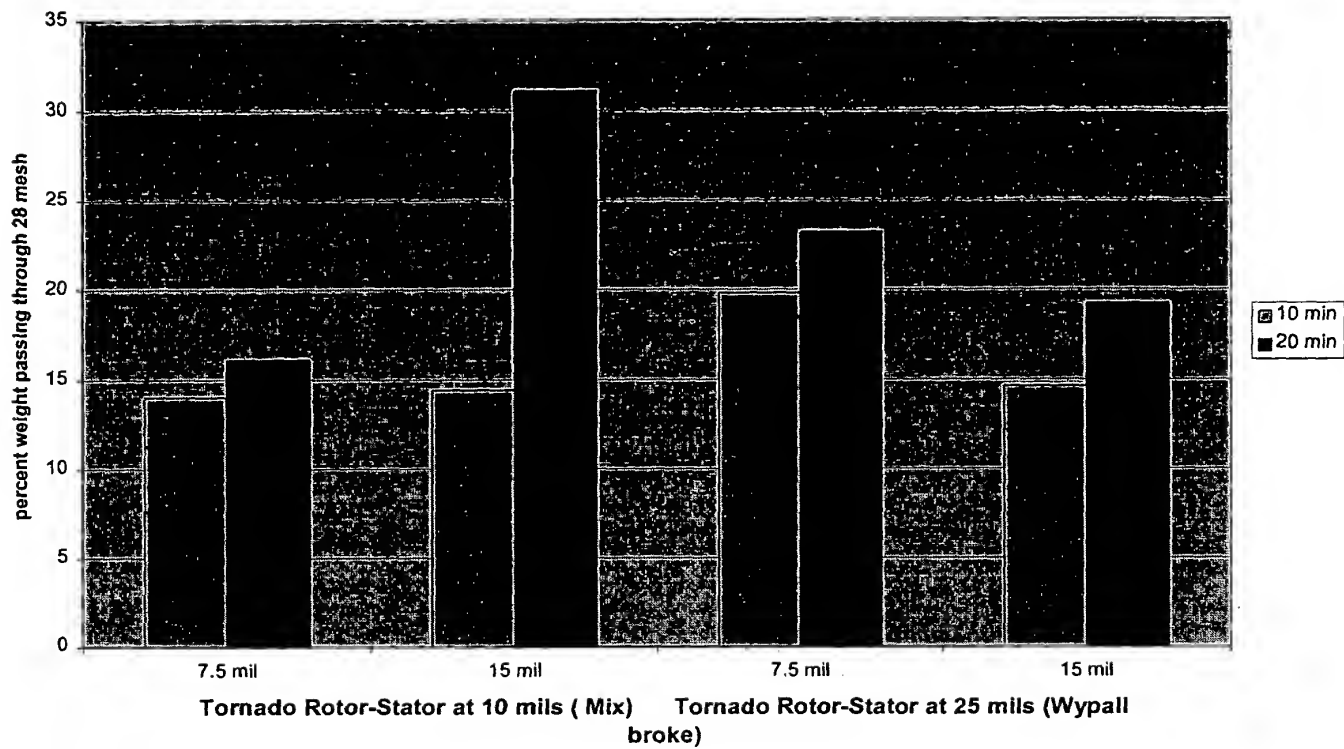


FIG. 9

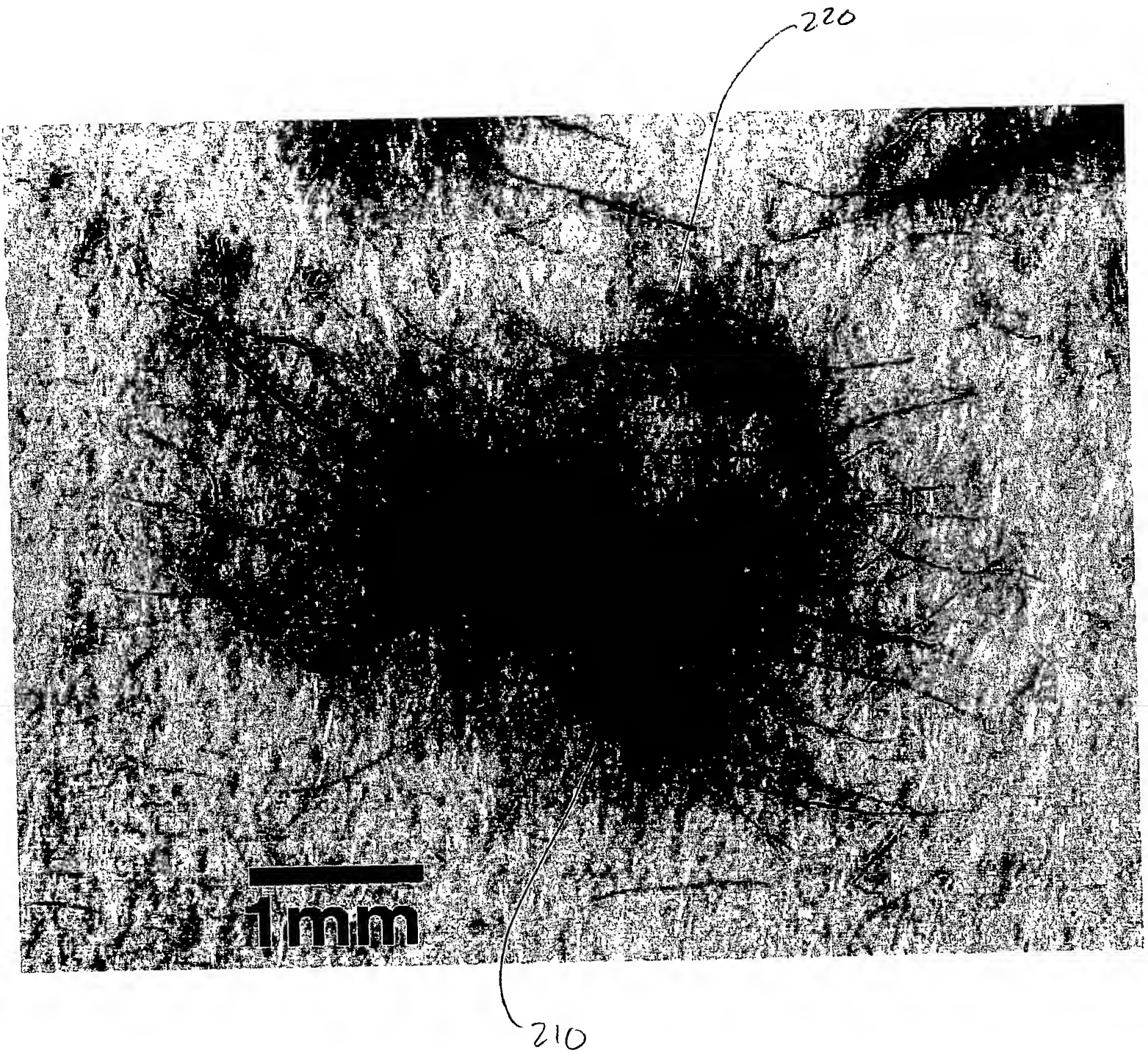


FIG. 10

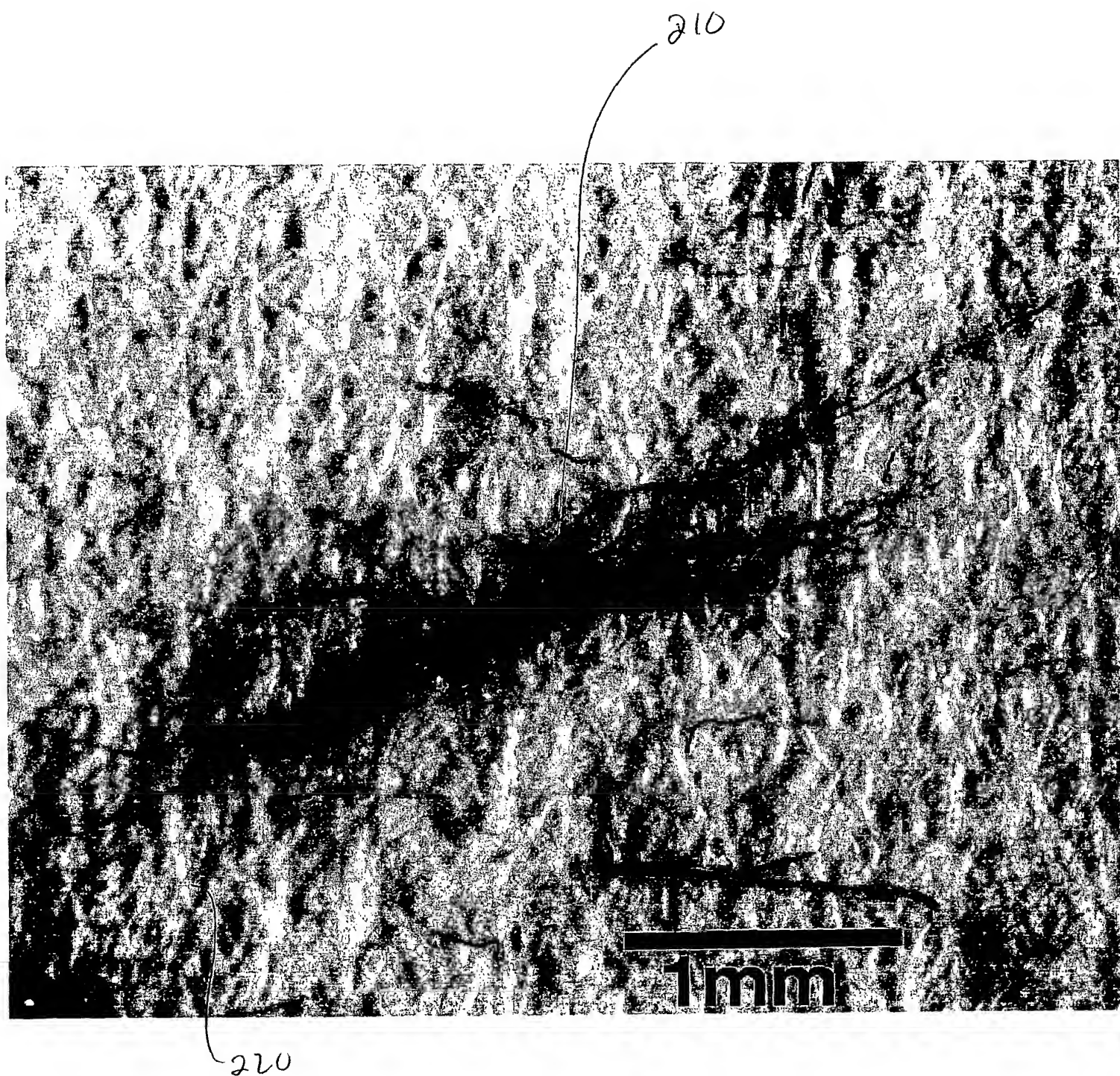


Fig. 11

# BAUER - MCNETT PARTICLE DISTRIBUTION TORNADO PULPER

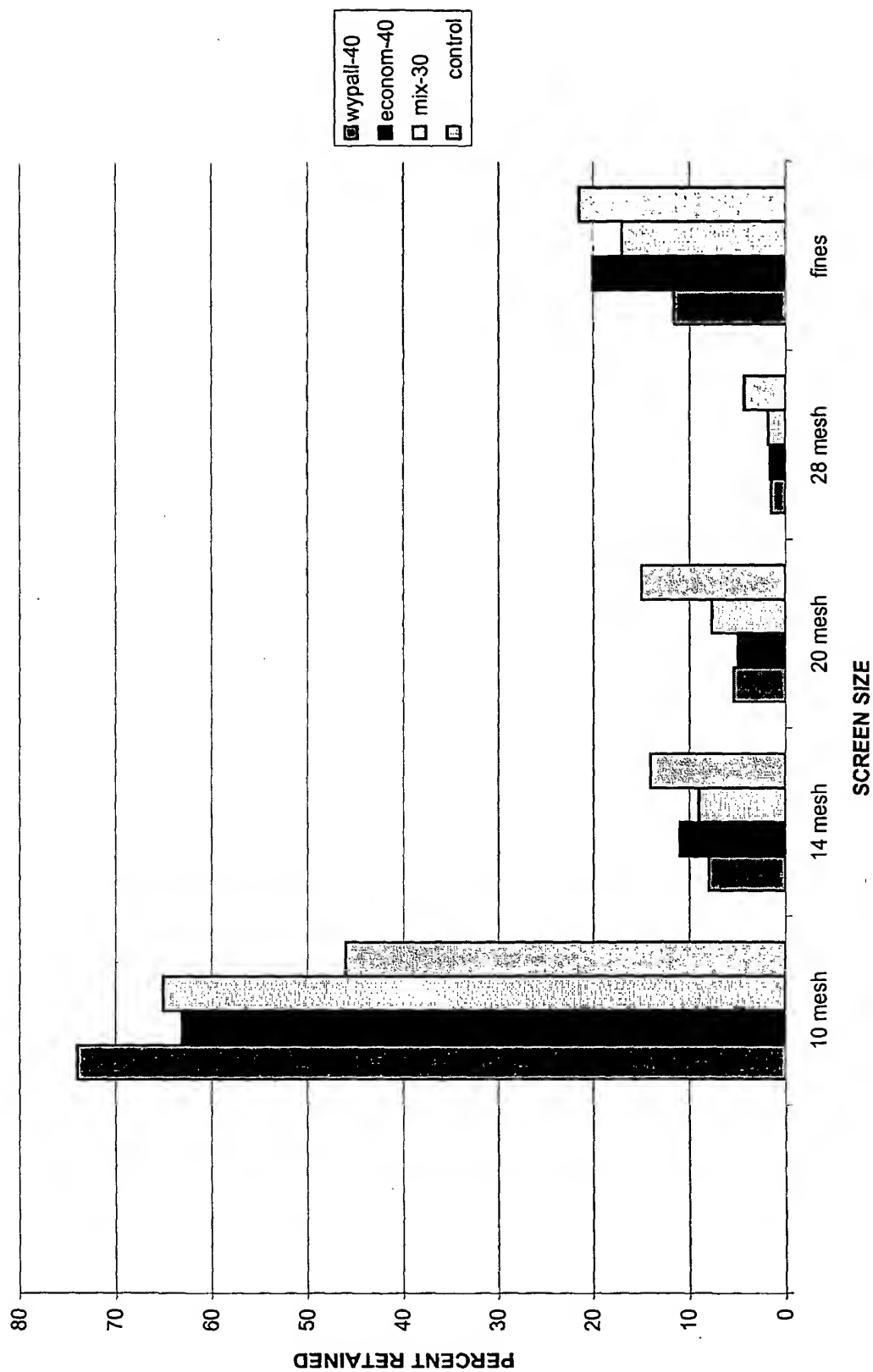


FIG. 12

Bauer - McNett Classifications of Tornado/Claflin

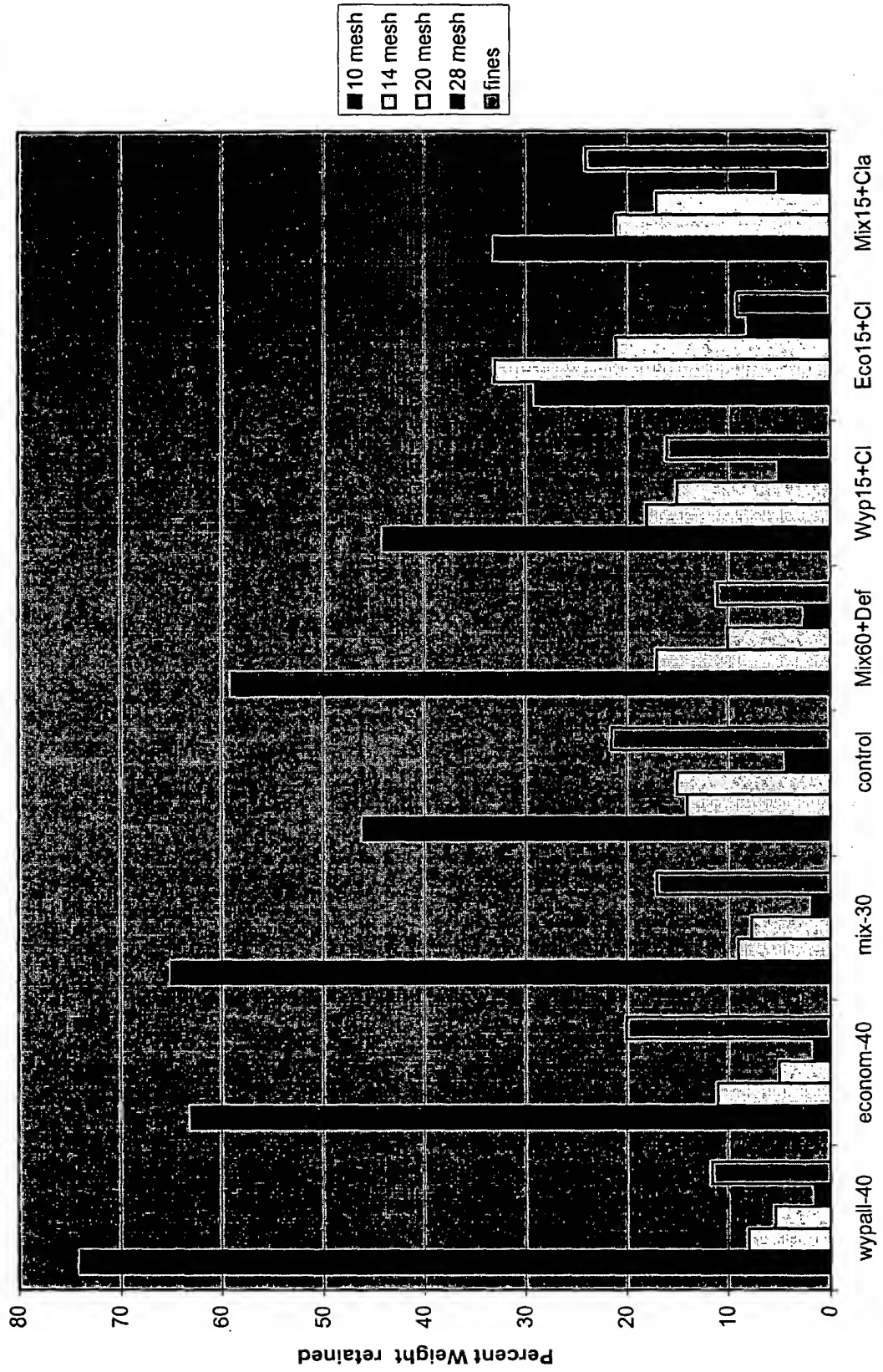


FIG. 13



# Tornado Pulper - Bauer NcNett Particle size classification

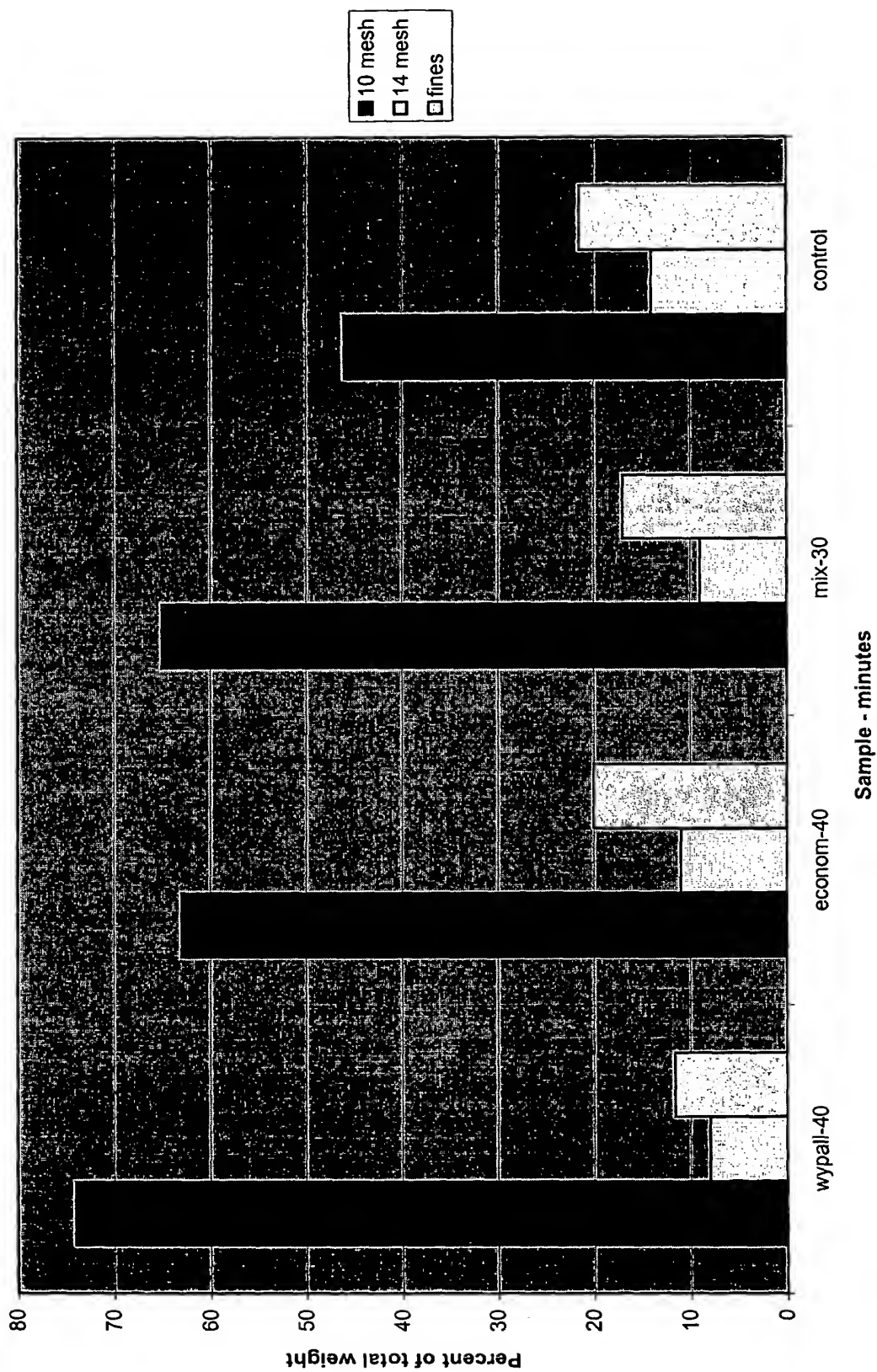


FIG. 14

Tornado Plus (Deflakers v.s. Claflin Refiner)

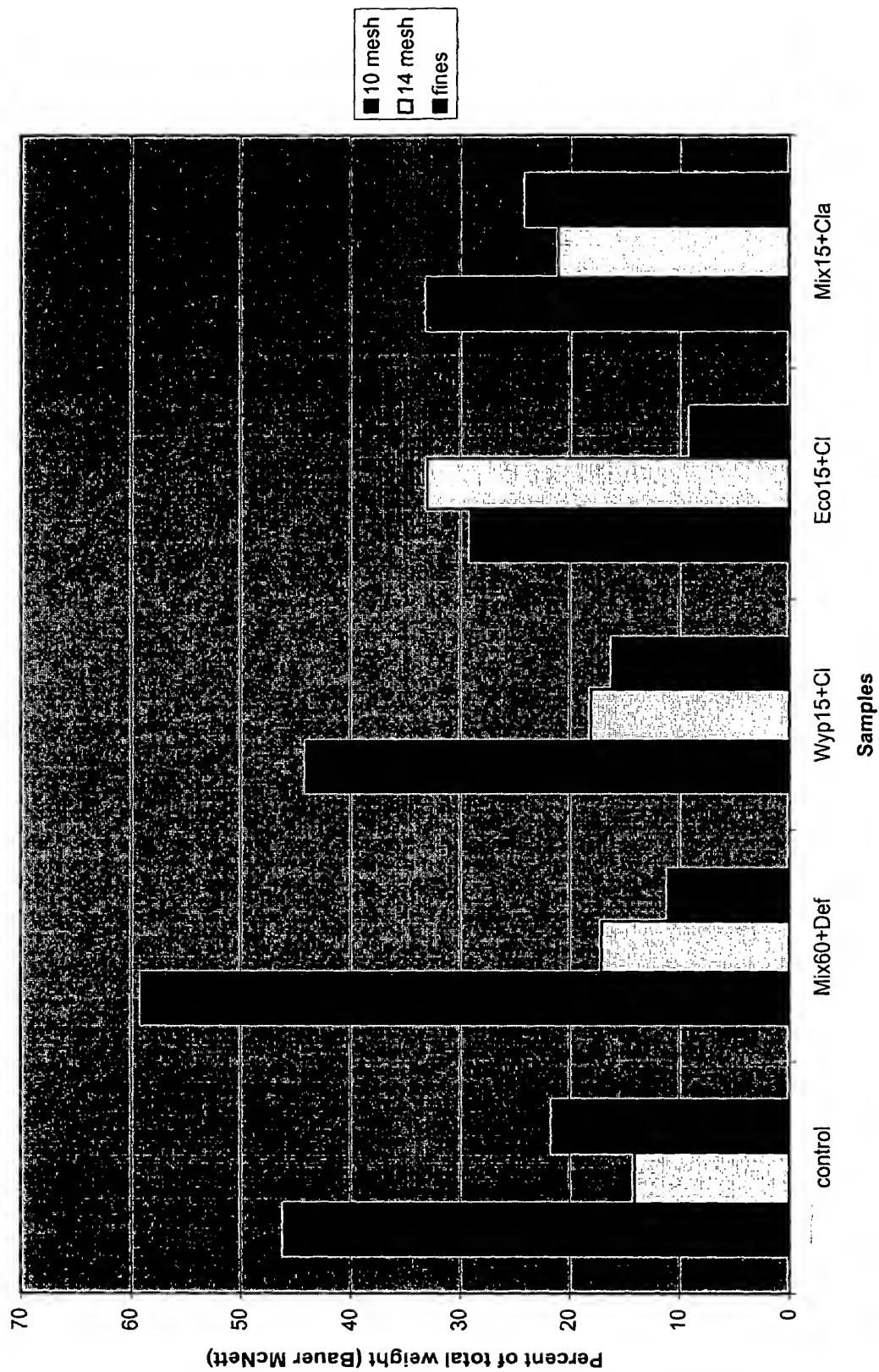


Fig. 15

Canadian Std. Freeness - Tornado pulper

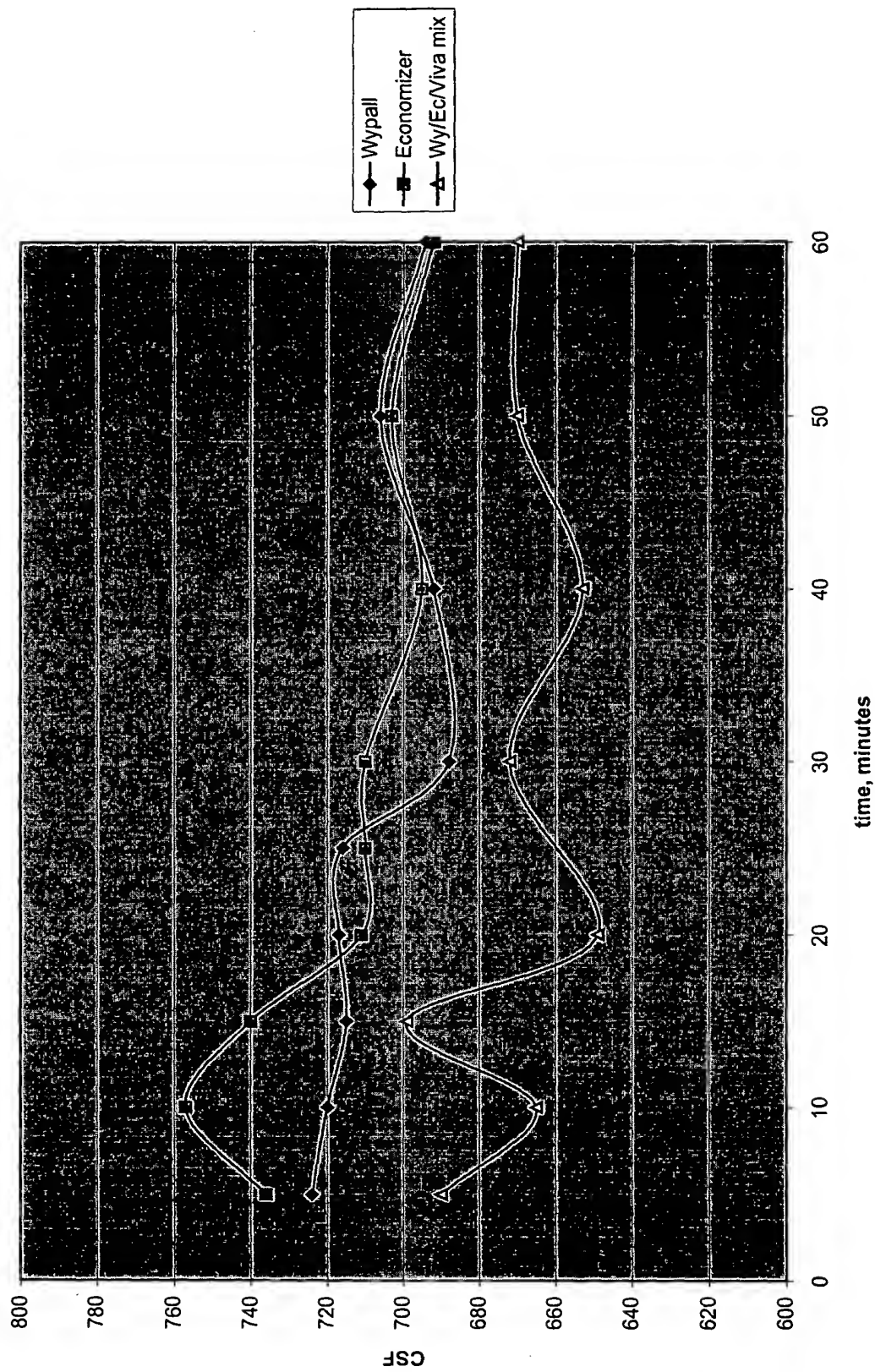


FIG. 16